

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	To Be Assigned
Filing Date	August 20, 2003
First Named Inventor	Banqiu Wu et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	67493/52

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
SA		US- 3,900,737	09-19-1975	Collier et al.	
		US- 5,653,894	08-05-1997	Ibbotson et al.	
		US- 5,780,315	07-14-1998	Chao et al.	
		US- 6,174,407 B1	01-16-2001	Johnson et al.	
		US- 6,190,927 B1	02-20-2001	Liu	
		US- 6,207,008 B1	03-27-2001	Kijima	
		US- 6,228,277 B1	05-08-2001	Kornblit et al.	
		US- 6,258,497 B1	07-10-2001	Kropp et al.	
		US- 6,406,818 B1	06-18-2002	Zemen et al.	
		US- 6,472,107 B1	10-29-2002	Chan	
		US- 6,562,549 B2	05-13-2003	Zemen et al.	
SA		US- 6,567,588 B2	05-20-2003	Unruh	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

Shamim Ahmed

Date
Considered

9/5/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Applicant Number		To Be Assigned		
	Filing Date		August 20, 2003		
	First Named Inventor		Banqiu Wu et al.		
	Art Unit		To Be Assigned		
	Examiner Name		To Be Assigned		
Sheet	2	of	2	Attorney Docket Number	67493/52

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SA		S. WOLF and R.N. TAUBER, "Silicon Processing for the VLSI Era," 1986, pp. 695-98, Vol. 1, Lattice Press, Sunset Beach, California, U.S.A.	
SA		D.M. MANOS and D.L. FLAMM, "Plasma Etching - An Introduction," 1989, pp. 76-77, Academic Press, San Diego, California, U.S.A.	
SA		R.J. SHUL and S.J. PEARTON (Eds.), "Handbook of Advanced Plasma Processing Techniques," 2000, pp. 534-539, Springer-Verlag, Berlin, Germany	

Examiner Signature	<i>Shamim Ahmed</i>	Date Considered	9/5/05
---------------------------	---------------------	------------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2**Complete if Known**

Application Number	10/644,358
Filing Date	August 20, 2003
First Named Inventor	Banqiu Wu et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	67493/52

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,900,737	09-19-1975	Collier et al.	
		US- 5,863,894	08-05-1997	Ibbotson et al.	
		US- 5,780,315	07-14-1998	Chao et al.	
		US- 6,174,407 B1	01-16-2001	Johnson et al.	
		US- 6,190,927 B1	02-20-2001	Liu	
		US- 6,207,008 B1	03-27-2001	Kijima	
		US- 6,228,277 B1	05-08-2001	Kornblit et al.	
		US- 6,258,497 B1	07-10-2001	Kropp et al.	
		US- 6,406,818 B1	06-18-2002	Zemen et al.	
		US- 6,472,107 B1	10-29-2002	Chan	
		US- 6,562,549 B2	05-13-2003	Zemen et al.	
		US- 6,567,588 B2	05-20-2003	Umuh	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

Shamim Ahmed

Date
Considered

9/5/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/088 (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Applicant Number	10/644,358		
		Filing Date	August 20, 2003		
		First Named Inventor	Banqiu Wu et al.		
		Art Unit	To Be Assigned		
		Examiner Name	To Be Assigned		
Sheet	2	of	2	Attorney Docket Number	67493/52

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		S. WOLF and R.N. TAUBER, "Silicon Processing for the VLSI Era," 1986, pp. 695-98, Vol. 1, Lattice Press, Sunset Beach, California, U.S.A.	
		D.M. MANOS and D.L. FLAMM, "Plasma Etching - An Introduction," 1989, pp. 76-77, Academic Press, San Diego, California, U.S.A.	
		R.J. SHUL and S.J. PEARTON, (Eds.), "Handbook of Advanced Plasma Processing Techniques," 2000, pp. 534-539, Springer-Verlag, Berlin, Germany	

Duplicate

Examiner Signature	Shamim Ahmed	Date Considered	9/5/05
--------------------	--------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.